



Espacenet

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### PRODUCTION OF SUSTAINED RELEASE MICROCAPSULE

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**Classification:** - **international:** **A61K9/50; A61K9/62;** (IPC1-7): A61K9/50  
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### Abstract of JP61218516 (A)

**PURPOSE:** To obtain the filled capsule having improved sustained release properties by a simple operation, by adding a main drug to an aqueous solution of hydroxypropylmethyl cellulose which may contain hydroxypropyl cellulose and spray drying the solution by spray drying granulation method. **CONSTITUTION:** A main drug is added to an aqueous solution of hydroxypropylmethyl cellulose (HPMC for short) or HPMC and hydroxypropyl cellulose (HPC for short) which is poured to a spray dryer while stirring, spray dried, to give sustained release microcapsule. Microcapsule formation can be carried out without using an organic solvent at all by using HPMC or HPC as a film substance, operation is simplified and productivity is improved. The microcapsule has improved sustained release properties, can be directly tableted and tablet can be made.

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